

RP Rust Brown

SDS Number:

Revision Date: 10/1/18

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

ChromaScape
 2055 Enterprise Pkwy
 Twinsburg, OH 44087

Contact: Chemtrec: 1-800-424-9300
Phone: 330-998-7574
Web: www.chromascape.com

Product Identifier: RP Rust Brown
Synonyms: Pigment
Common Name: Metal Oxide
Revision Date: 10/1/18
Version: 1.0
CAS Number: Mixture
RCRA Number: None
Chemical Family: Metal Oxide Pigment
Product Use: Concrete pigment / concrete additive.

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 3
 Health, Serious Eye Damage/Eye Irritation, 2 B
 Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H316 - Causes mild skin irritation
 H320 - Causes eye irritation
 H335 - May cause respiratory irritation

GHS Precautionary Statements:

P264 - Wash _ thoroughly after handling.
 P284 - Wear respiratory protection.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes, skin
Target Organs: Skin; Eyes;
Inhalation: Prolonged repeat contact may cause mild irritation.
Skin Contact: Prolonged repeated contact may cause mild irritation
Eye Contact: Prolonged repeated contact may cause mild irritation.
Ingestion: No harmful effects are known to occur.

Note that GHS hazard categories go from low hazard substances with higher numbers to lower numbers which are more hazardous substances.

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Note:

Product may contain small traces of silica below 1%.
 Use respiratory protection and hazard controls. Use particulate protection.
 Gloves and/or skin protection is recommended.
 Safety glasses or eye protection recommended.
 Repeat prolonged exposure above the PEL may cause skin, eye and respiratory irritation.
 May aggravate upper respiratory tract conditions with out respiratory protection.
 Silica in airborne respirable particulate is known to cause silicosis and lung cancer.
 Use respiratory protection.

3 COMPOSITION/INFORMATION OF INGREDIENTS

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Promptly flush skin with water until all chemical is removed.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Ingestion: Not considered dangerous.

5 FIRE FIGHTING MEASURES

Flammability: Non-flammable
Flash Point: Non-combustible
Flash Point Method: N/A
Burning Rate: N/A
Autoignition Temp: N/A
LEL: N/A

6 ACCIDENTAL RELEASE MEASURES

Do not discharge into drains.
 Do not dump in drains or storm water.
 Pick up excess liquid with inert absorbent material and place into separate waste container.
 Sweep up, place in bag and hold for waste disposal.
 Watch out for slippery conditions when spillage.
 Dispose of waste properly.
 Not hazardous waste.
 This product is not environmentally hazardous. It will however, cause, discoloration of soil and storm water. Avoid soil and water contamination.

7 HANDLING AND STORAGE

Handling Precautions: Wash thoroughly after handling.
 Gloves optional but recommended for prolonged direct skin contact.

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Storage Requirements: Do not store in temperatures over 130 degrees F.
 2 year shelf life.
 Keep dry.
 Store in original container or closed sealed containers after opening.
 Relable all transfer containers.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use with ventilation or outdoors.
Personal Protective Equipment: Eye protection: If working in confined area where dust is heavy, it is advisable to wear safety goggles or glasses with side shields to reduce exposure.
 Skin protection: Gloves; optional - coveralls or apron to reduce skin contact and keep personal clothing free of dust.
 Respiratory protection: Use NIOSH respiratory protection, air purifying respiroator or dust mask with particulate filtration in accordance with OSHA CFR 29 1910.134 with protection factor as necessary to reduce exposure levels below the PEL.
 General safety and hygiene measures: Wash thoroughly with soap and water after handling.

Exposure Limits according to:

US OSHA (TWA₅/PEL): CaCO₃: 15mg/M³ total dust; 5 mg/M³ Respirable dust TWA
ACGIH (TWA/TLV): 10mg/M³.

Respiratory Protection: Use respiratory protection, NIOSH approved particulate respirator or dust mask depending on exposure level.

Ventilation: Ventilation recommended, not required.
Protective Gloves: Gloves recommended, but optional.
Eye Protection: Safety glasses recommended for dusty conditions.
Other Protective Equipment: Not required.

TWA= Time weighted average.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow to red fine granular solid.	Odor:	Odorless.
Physical State:	solid	Solubility:	Very slight solubility.
Odor Threshold:	Odorless.	Softening Point:	Not applicable
Spec Grav./Density:	>1	Percent Volatile:	Not applicable
Viscosity:	Not applicable	Freezing/Melting Pt.:	Not applicable.
Saturated Vapor Concentration:	Not applicable	Flash Point:	NA
Boiling Point:	212F	Vapor Density:	Not applicable
Flammability:	Not flammable	VOC:	Not applicable.
Partition Coefficient:	Unknown.	Auto-Ignition Temp:	Not applicable
Vapor Pressure:	Not applicable.	UFL/LFL:	Not applicable.
pH:	5 - 8 pH in water (product is solid)		
Evap. Rate:	<1		
Decomp Temp:	Not applicable		

10 STABILITY AND REACTIVITY

Chemical Stability: Stable and non - reactive.
Conditions to Avoid: Keep dry

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Materials to Avoid: Not reactive.
Hazardous Decomposition: None
Hazardous Polymerization: None

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: May be irritating.
 Skin Effects: May be irritating.
 Acute Inhalation Effects: None.
 Chronic Effects: None.
 Carcinogenicity: Not known to be carcinogenic.
 Mutagenicity: Not known to be mutagenic.
 Teratogenicity: Not known to be teratogenic.

Acute Oral Effects:
 No toxicological testing has been conducted, since no toxicological effects are expected. May cause slight irritation but is not expected to produce adverse effects. Not intended for ingestion.

12 ECOLOGICAL INFORMATION

Ecological testing has not been performed on this product.
 Dispose of contents and container properly.
 Do not dump.
 Contents may cause discoloration in soil and water.

13 DISPOSAL CONSIDERATIONS

Dispose of contents properly.
 Dispose of as dry solid waste.
 Dispose of packaging properly.
 Recycle packaging.
 RCRA: not listed.

14 TRANSPORT INFORMATION

Not classified
 US DOT: Not Classified
 UN Shipping Class: Not Classified
 UN Packing Group: Not Classified

15 REGULATORY INFORMATION

International Inventories and U.S. Regulations :
 All components of this product are listed on or are exempt from the following inventories:
 RCRA This mixture and or its contents are not a hazardous waste if disposal is required.
 CERCLA Components of this mixture are not CERCLA hazardous substances.

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CONEG This mixture and or its contents meet the CONEG limits for the sum of the levels of Lead, Cadmium, Mercury, and Hexavalent Chromium of less than 100 PPM by weight.

HAP This mixture does not contain any Hazardous Air Pollutants.

ODC This mixture does not contain any Ozone Depleting Compounds.

TOX This mixture does not contain any Organic Halogens (EPA 9020)

CWA (40 CFR 116) This mixture does not contain a Clean Water Act listed priority pollutant.

CAA of 1990

This mixture is not made with nor does it contain any Class 1 or Class 2 ozone depleting substances as defined under the 1990 amendments to the act.

SARA (302)

This mixture does not contain any constituents that are identified as extremely hazardous.

SARA (311/312)

Not reportable.

SARA (313)

This mixture does not contain any substances identified under Section 313 as toxic chemicals in Excess of the de minimis concentrations necessary to be subject to this rule.

CA Prop 65

This product contains a CA Prop 65 listed substance.

This product may contain small traces of silica below 1%.
 Silica in airborne respirable particulate is known to cause silicosis and lung cancer.
 Use respiratory protection.

16	OTHER INFORMATION
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The information on this SDS is provided in good faith in the interest of product safety and believed to be accurate to the best of our knowledge. However, ChromaScape makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be

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misconstrued as permission to violate any regulation. End users should follow all local, state, national and international regulations as apply.

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